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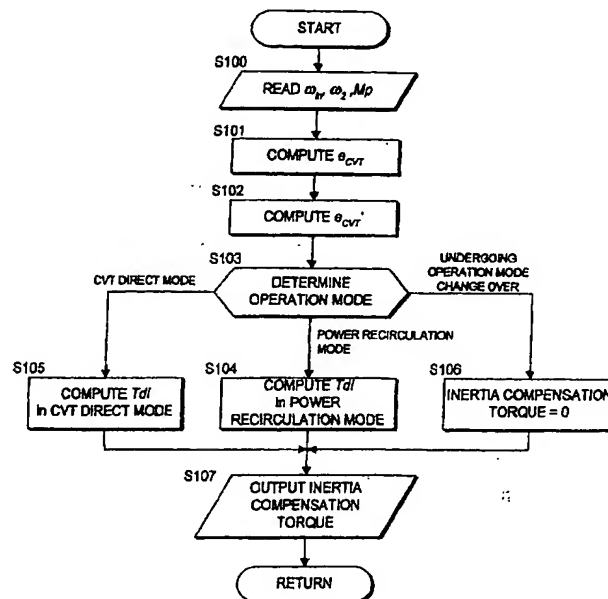
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(54) **Inertia torque compensation control for a vehicle fitted with an infinitely variable transmission**

(57) An IVT controller (14) determines whether the operation mode of an infinitely variable transmission (IVT) 10 is a power recirculation mode or a CVT direct mode, and selects an inertia torque computing equation corresponding to the operation mode. The inertia torque

accompanying a speed change of the IVT 10 is computed using the computing equation. An engine controller (15) adjusts the opening of an electronic control throttle (18), and adjusts the torque of the engine (1) so that the computed inertia torque is eliminated.

**FIG. 4**

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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B60K F16H
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 4 March 2002	Examiner Kyriakides, L
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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